



0400 02-27-01

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/775,398
Source: OIPE
Date Processed by STIC: 2/21/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

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Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/775,398

DATE: 02/21/2001
 TIME: 10:53:03

Input Set : A:\ES.txt
 Output Set: N:\CRF3\02212001\I775398.raw

3 <110> APPLICANT: Ohio State Research Foundtaion
 4 Plass, Christoph
 6 <120> TITLE OF INVENTION: Detection of Methylated CpG Rich Sequences Diagnostic for
 7 Malignant Cells
 9 <130> FILE REFERENCE: 22727/04075
 11 <140> CURRENT APPLICATION NUMBER: US/09/775,398
 11 <141> CURRENT FILING DATE: 2001-01-31
 11 <160> NUMBER OF SEQ ID NOS: 90
 13 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

1179 <210> SEQ ID NO: 33
 1180 <211> LENGTH: 708 698
 1181 <212> TYPE: DNA
 1182 <213> ORGANISM: Homo sapiens 2.G.10
 1184 <400> SEQUENCE: 33
 1185 gcgccgcgcg ccaggcgccc cttcccctgt ggggcaaccc aagccgggga cgcgtgaacc 60
 1187 acctccgtag ccgccccgcc agcaccacca gccgtgcgcc cctgcaccac gcagctgccc 120
 1189 tgccgcatgga gccagaggga acagcaggcc cggccccag caccacgggc ctgcccggag 180
 1191 gttcgggaaa ctggcgtcgc agcggagagg gcatcaggcc aacgcctccc ccgaggctca 240
 1193 gctgcgggct cccaggcgta ggcacccacg gcccttacgc tgaccgtagc ttggacgccg 300
 1195 ctgccgcgcg ggtccaatgc cggtcattgcc catcccgccg gggttgtgct ccttccatgg 360
 1197 tccacacacc acctgcctgc atgcgggtctg tgggcccggt ggccctccc acctggcccc 420
 1199 caccaagtac aacagcttcg aggtgtgcat caagacgcgc tggctgtagg gcttcatcca 480
 1201 cttcctgctc tacttcagct gcagcctgtc actggggcac gctggccgcc ttcttctgcc 540
 E--> 1202 gggcgtttag gtctcctgt gcttccaaca caagctgtgg gtgctgctgc 600
 E--> 1204 tgctgcttgg ccgctggcg cgttgaaatt tcgctgttga acgagctgct catctacagc 590
 E--> 1206 atccacgtca acatgcttgt tgtatggggg cctgggctgg atgcctaa 660
 708 nas. off

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/775,398

DATE: 02/21/2001
TIME: 10:53:04

Input Set : A:\ES.txt
Output Set: N:\CRF3\02212001\I775398.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:21 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:45 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:58 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:112 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:198 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:284 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:407 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11
L:435 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:446 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12
L:462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:535 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:15
L:571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:582 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:16
L:610 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:623 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:17
L:645 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:653 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:672 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18
L:686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:778 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:20
L:800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:851 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:23
L:879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:883 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:887 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:917 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25
L:943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1086 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:30
L:1092 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1094 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1098 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1136 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/775,398

DATE: 02/21/2001
TIME: 10:53:04

Input Set : A:\ES.txt
Output Set: N:\CRF3\02212001\I775398.raw

L:1164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1202 M:254 E: No. of Bases conflict, LENGTH:Input:600 Counted:590 SEQ:33
M:254 Repeated in SeqNo=33
L:1206 M:252 E: No. of Seq. differs, <211>LENGTH:Input:708 Found:698 SEQ:33
L:1419 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:40
L:1451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1455 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1487 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:42
L:1511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1614 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:45
L:1644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1693 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:46
L:1719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1762 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47
L:1790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1864 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:49
L:1890 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:1892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:1894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:1896 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:1934 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:51
L:1964 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:2056 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:55
L:2130 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:57
L:2210 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:59
L:2605 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:66
L:2679 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:68
L:2829 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:70
L:2876 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:71
L:2913 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:72
L:3099 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:77
L:3233 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:81
L:3746 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:88